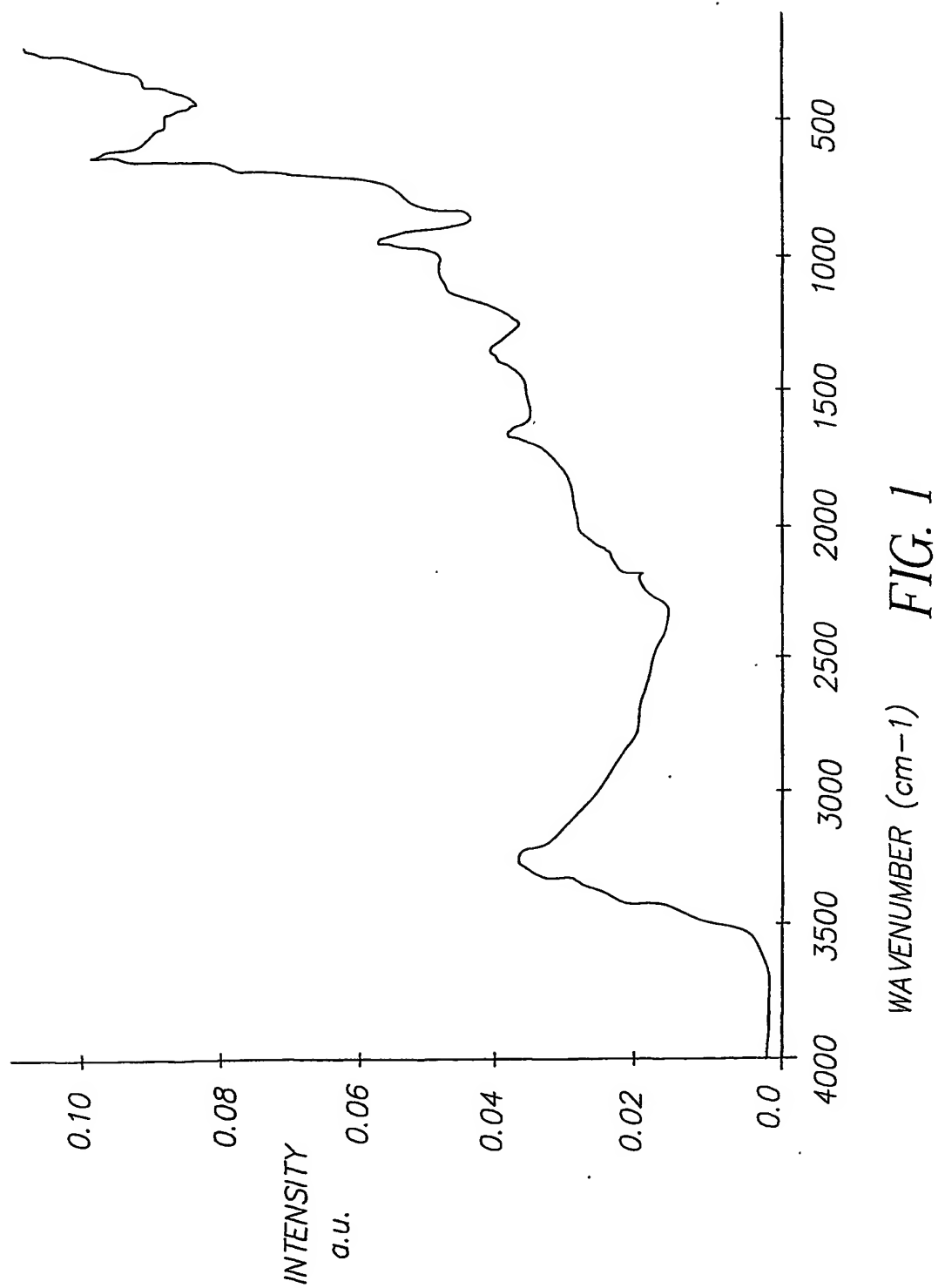
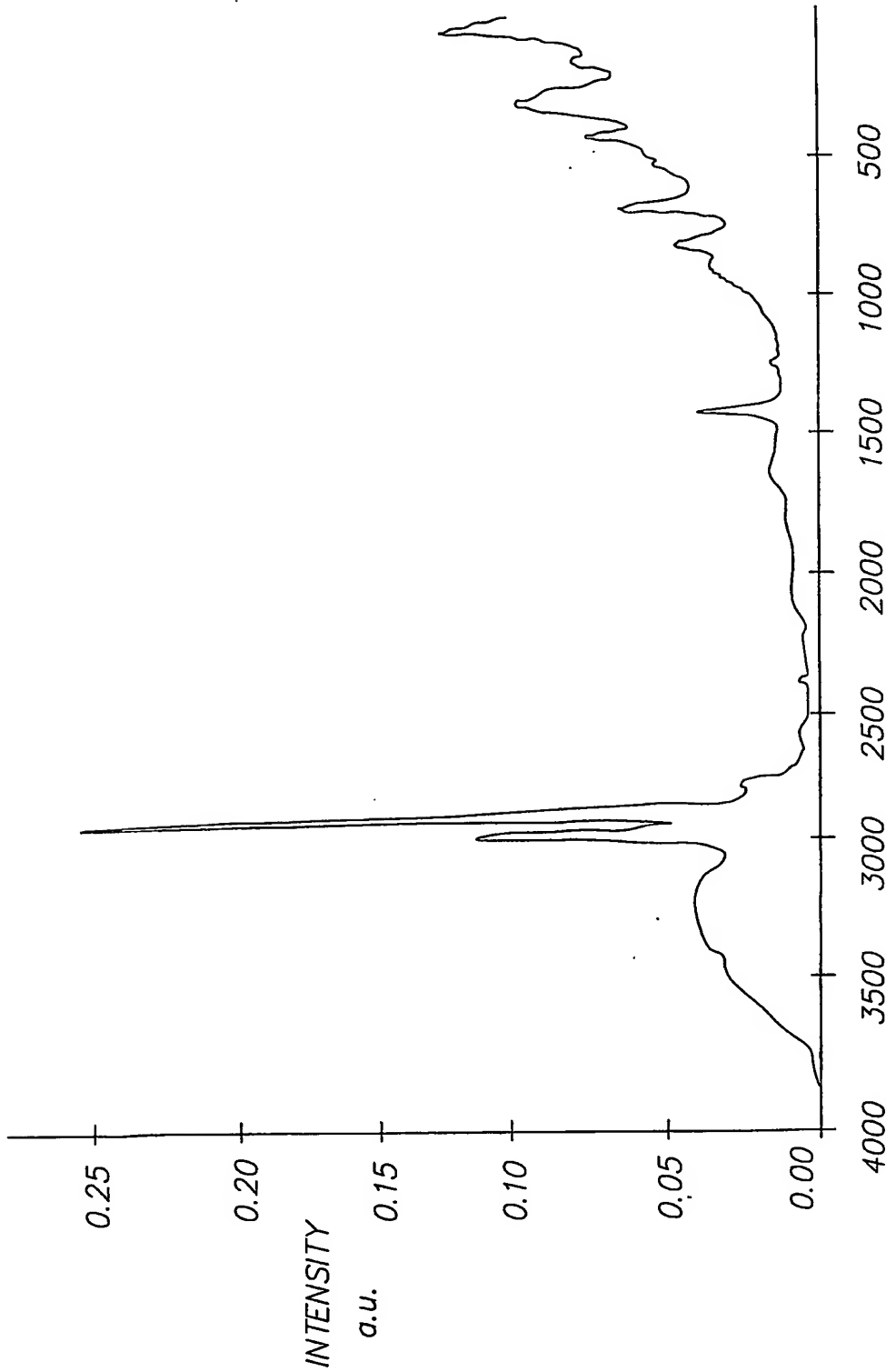


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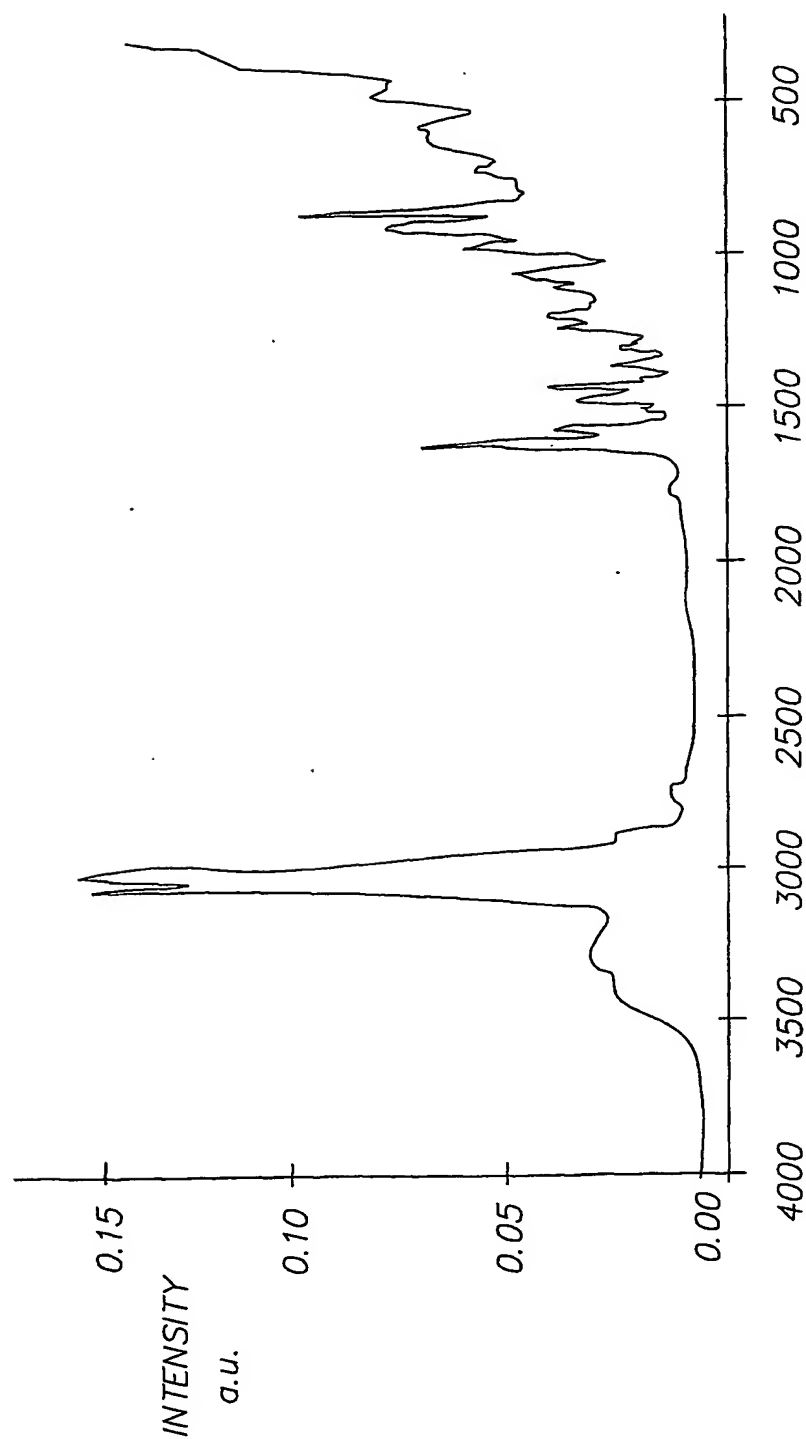


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WAVENUMBER (cm-1) FIG. 2

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WAVENUMBER (cm-1) FIG. 3

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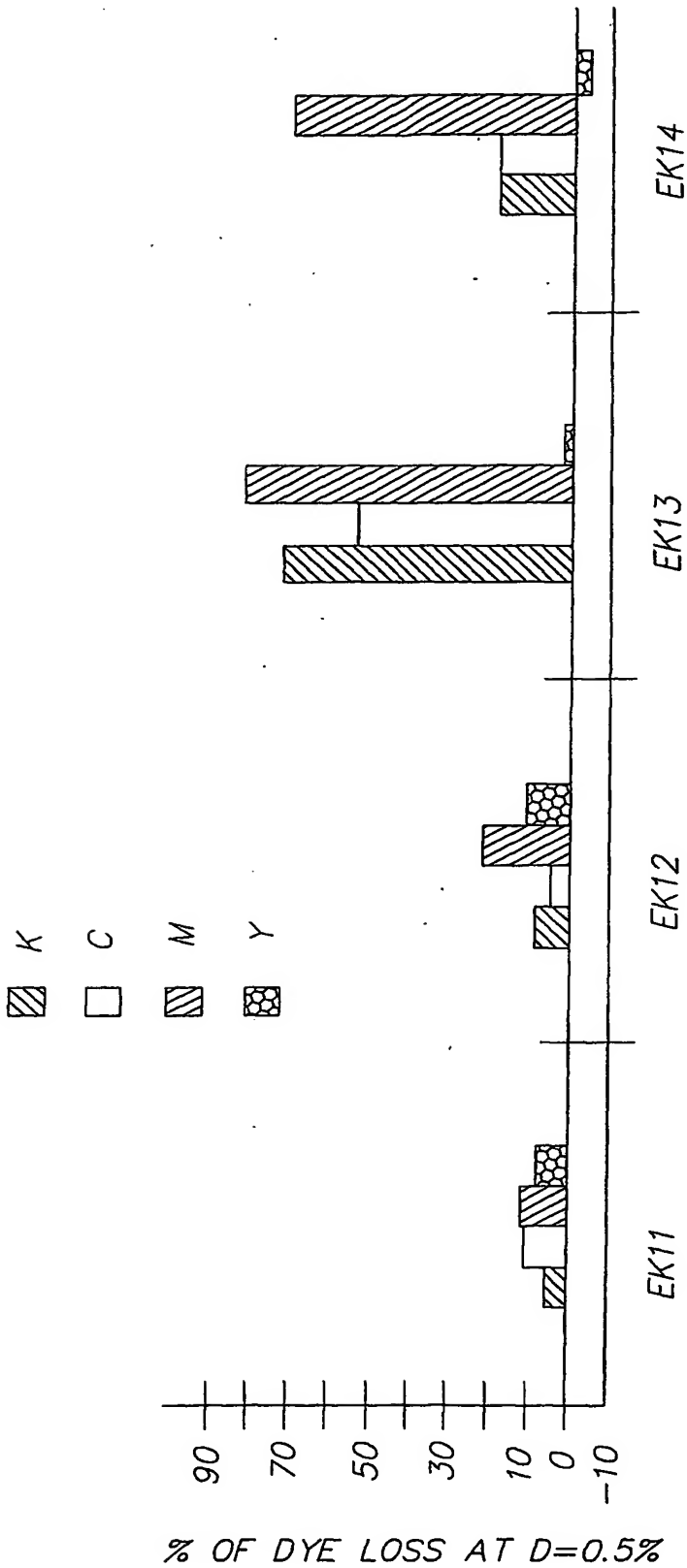


FIG. 4

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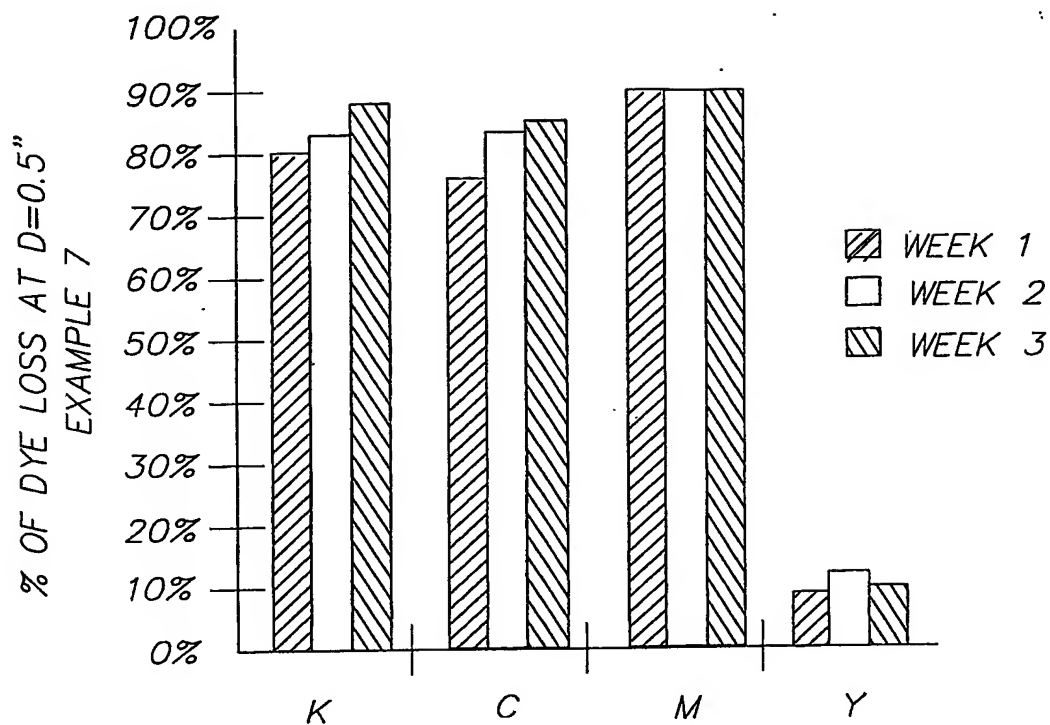


FIG. 5

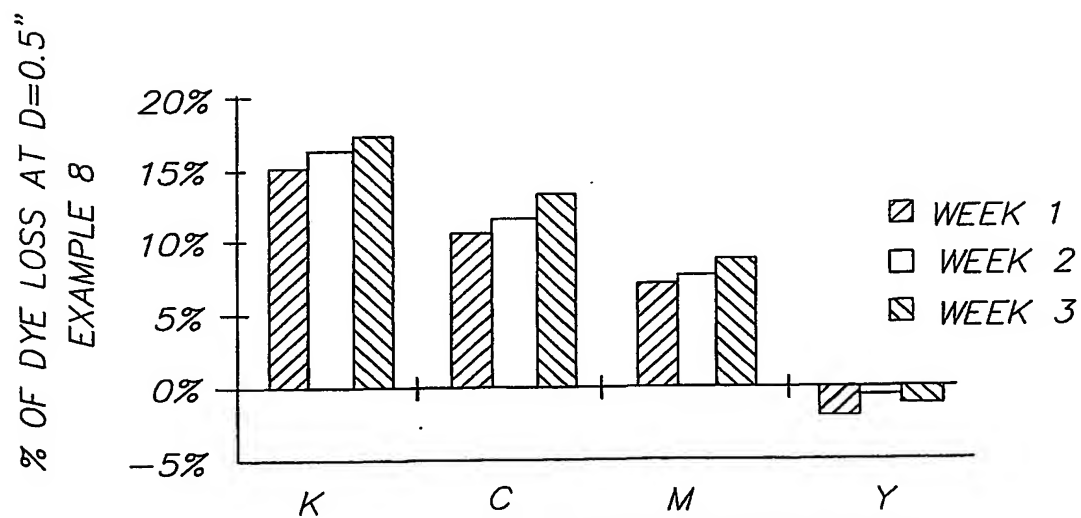


FIG. 6

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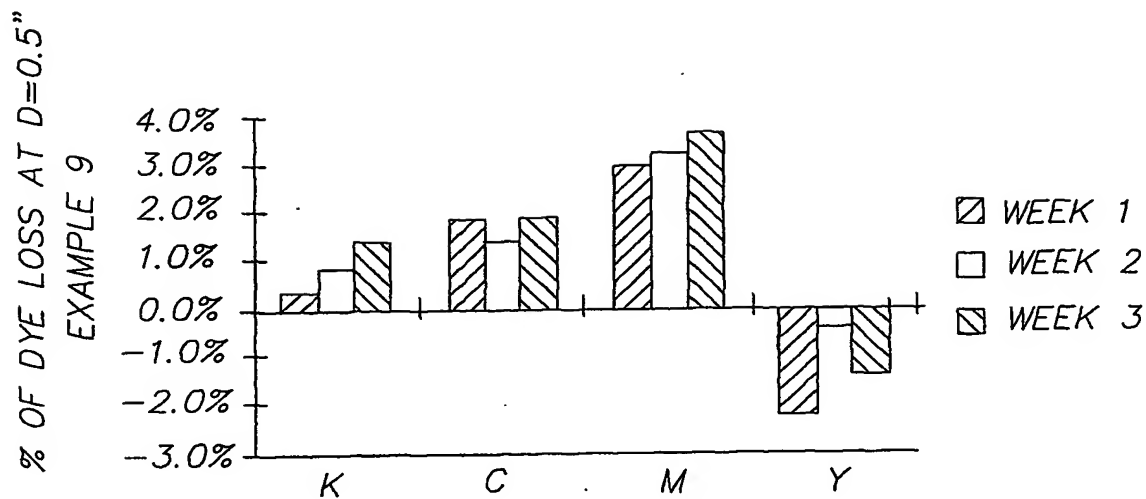


FIG. 7

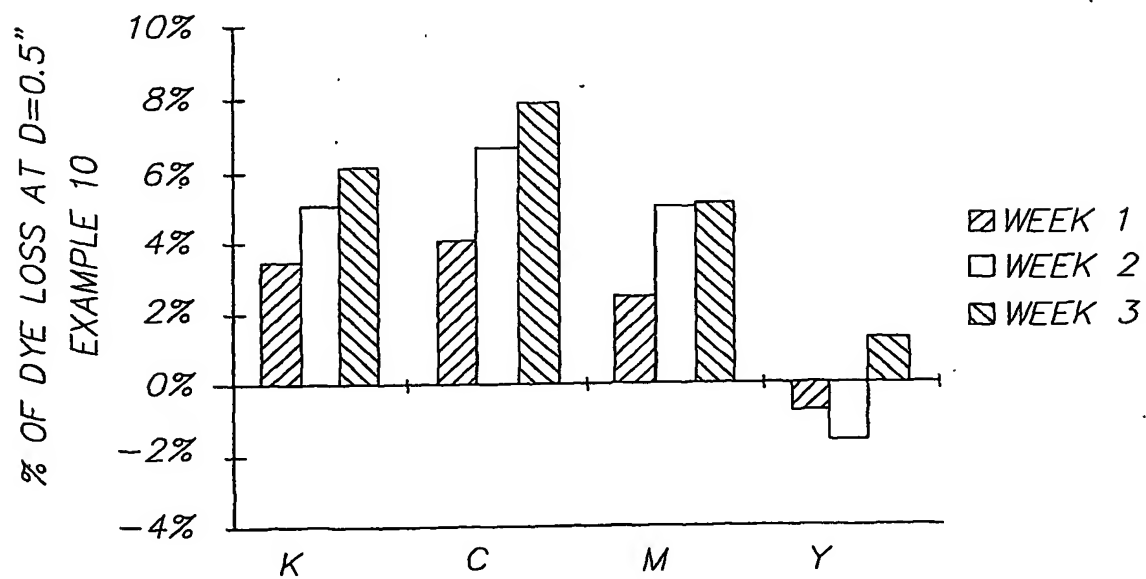


FIG. 8

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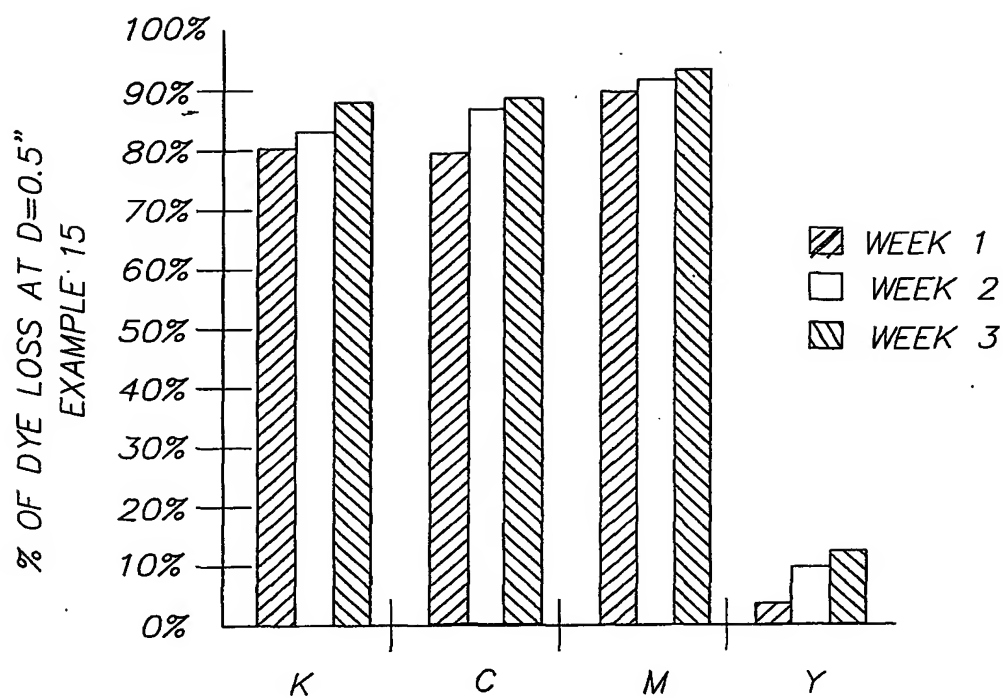


FIG. 9

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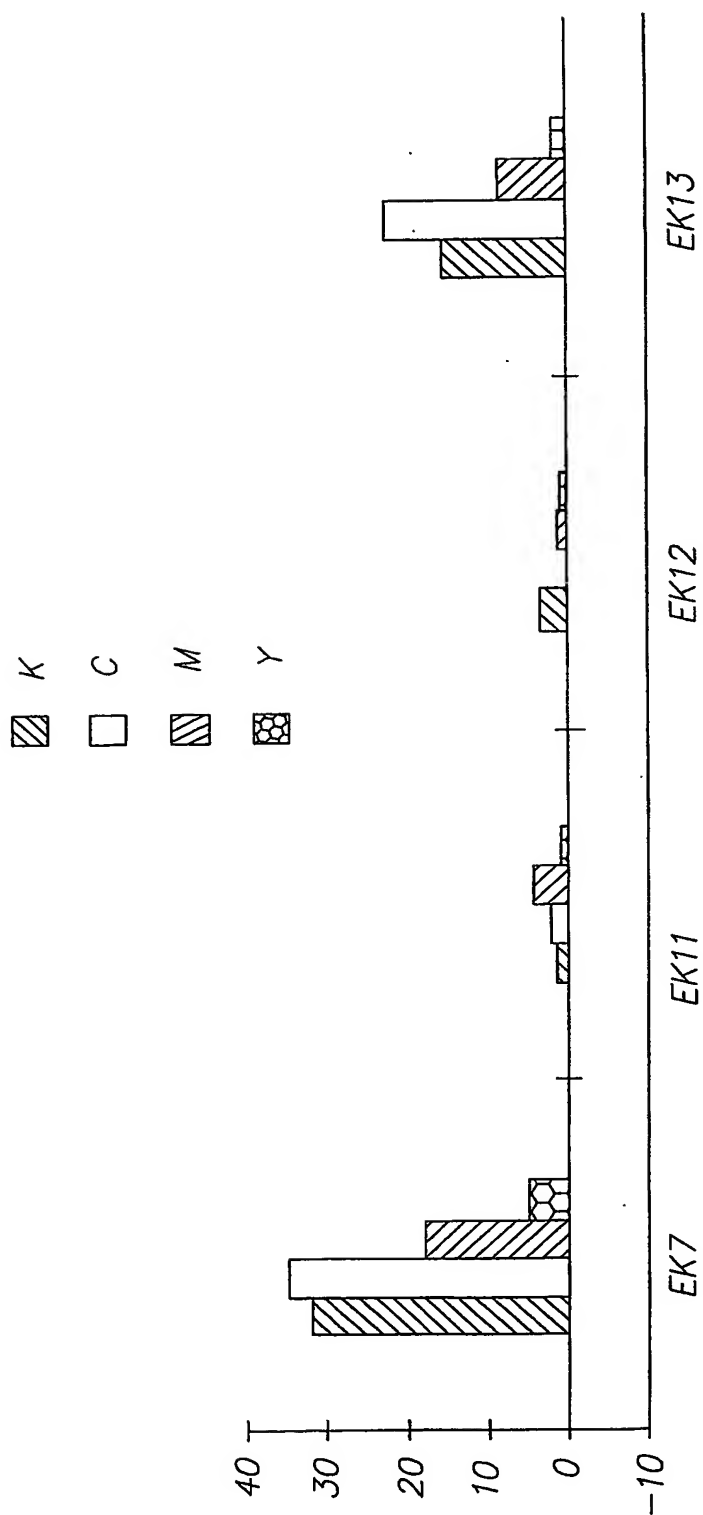


FIG. 10

% OF DYE LOSS AT $D=0.5\%$

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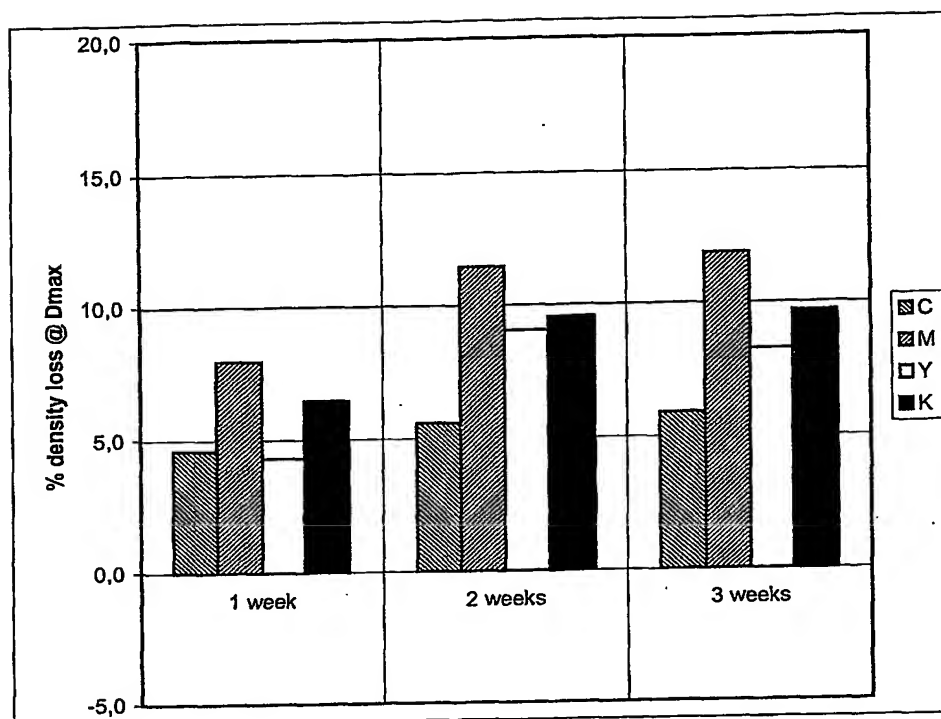


FIG. 11

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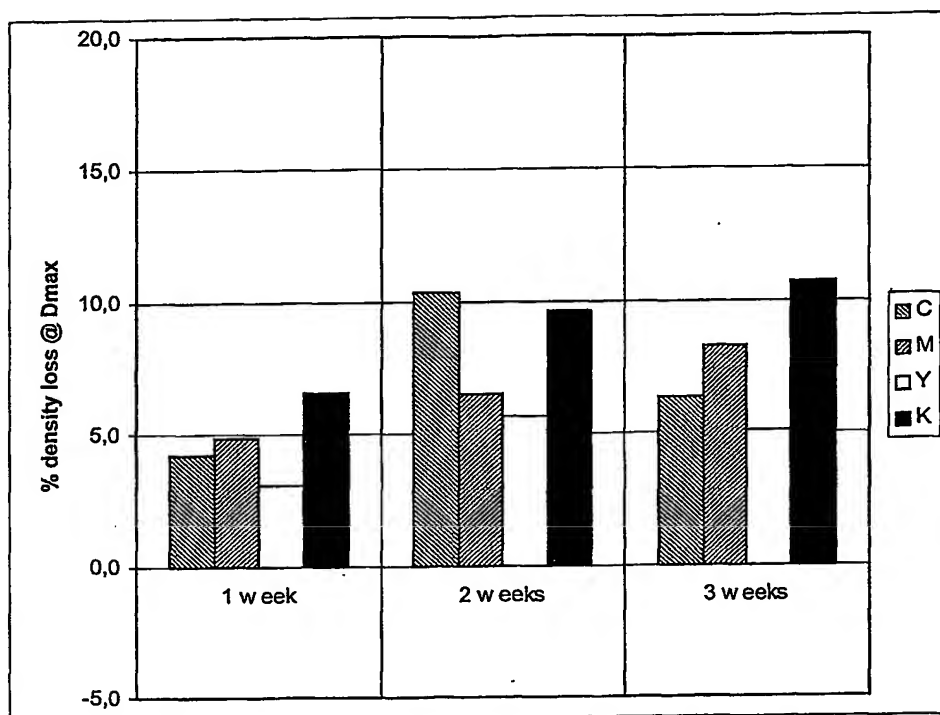


FIG. 12